

STAT5 (Phospho Tyr694) Rabbit mAb (AR1588)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	91kD (Calculated) 105kD (Observed)

Recommended Dilution Ratios

IHC:	1:100-500
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	This antibody detects endogenous levels of STAT5A/B only when phosphorylated at Tyr694. This antibody does not recognize phosphorylated at other sites.
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Target Information

Gene name	STAT5A/STAT5B
Protein Name	Signal transducer and activator of transcription 5A/B

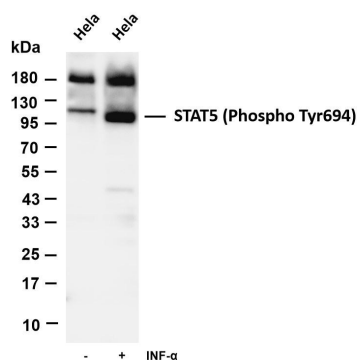
Organism	Gene ID	UniProt ID
Human	6776; 6777	P42229; P51692
Mouse	20850; 20851	
Rat	24918; 25126	Q62771; P52632

Cellular Localization	Cytoplasm, Nucleus
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Tissue specificity

Brain, Cervix, Epithelium, Lung, Placenta, Synovial membrane

Validation Data



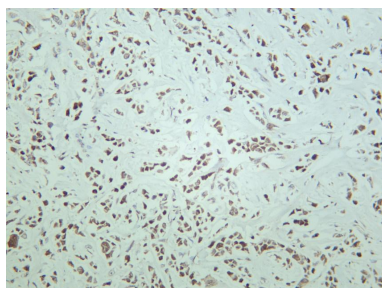
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-STAT5 antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HeLa

Lane 2: HeLa serum starvation for 4 hours then treated with INF- α (100 ng/mL) for 5 minutes

Predicted band size: 91kDa

Observed band size: 105kDa



Human breast was stained with anti-STAT5 (Phospho Tyr694) rabbit antibody

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